

CHAPTER 11
TRAINING RESOURCES

11-1. RANGES. Specifications and restrictions.

a. Federal Bureau of Investigation (FBI) Range:

(1) Location (Grid): NH 41417902-41487885.

(2) Description: This range is designed for pistol/shotgun familiarization and qualification.

(3) Weapons authorized:

(a) Pistols/revolvers: M9 (9mm), 10mm, M1911A1 (.45 cal), .22, .357, .38, .40, and .44 caliber.

(b) Shotguns: M1200 and other 12-gauge models.

(4) Ammunition authorized: 9mm, .22, .38, .44, .45, .357, and 12-gauge, .00 buckshot or smaller.

(5) Number of firing points: 19.

(6) Maximum range fired at: 25 yards.

(7) Automatic fire allowed: No.

(8) Guard required: None.

b. A Range:

(1) Location (Grid): NH 41367900 - 41427883.

(2) Description: Pistol/shotgun familiarization and qualification.

(3) Weapons authorized:

(a) Pistols: M9, 10mm, M1911A1, .22, .38, .40, .44, .357 caliber.

(b) Shotguns: M1200 and other 12-gauge models.

(4) Ammunition authorized: 9mm, .22, .38, .44, .45, .357, 12 gauge, .00 buckshot or smaller.

(5) Number of firing points: 30.

(6) Maximum range fired at: 50 yards.

(7) Automatic fire allowed: No.

(8) Guard required: None.

c. Demonstration Range:

(1) Location (Grid): NH 41587866.

(2) Description: Rifle/pistol/shotgun, familiarization and qualification.

(3) Weapons authorized:

(a) Pistols: M9, 5.56mm, 7.62mm, 9mm, .22, .38, .44, M1911A1 (.45), .357.

(b) Shotguns: 12-gauge models.

(4) Ammunition authorized: 9mm, 7.62mm, .22, .38, .44, .357, 12-gauge, .00 buckshot, and small caliber.

(5) Number of firing points: 10 points (No foxholes).

(6) Maximum range fired at: 200 meters.

(7) Automatic fire allowed: No.

(8) Guard required: None.

d. B Range:

(1) Location (Grid): NH 41627836 - 41727833.

(2) Description: Rifle zero and pistol familiarization and qualification.

(3) Weapons authorized: Qualifications pistols/revolvers, .38, .45, 9mm, M16.

(4) Ammunition authorized: .38, .45, 9mm, 5.56mm.

(5) Number of firing points: 38 points (no foxholes).

(6) Maximum range fired at: 25 meters.

(7) Automatic fire allowed: None except with prior approval.

(8) Guard required: None.

(9) Other special requirements: If weapons are going to be fired on automatic, prior approval must be made with Camp Bullis Operations prior to signing for range.

e. Sportsman's Range:

(1) Location (Grid): NH 41827835.

(2) Description: This range is designed for rifle and handgun sport shooting.

(3) Weapons authorized: Includes .22, .30, .308, 7.62mm rifles. Other rifles may be fired if it can be determined that the maximum range associated with the particular weapon/ammunition combination is no greater than 5288 meters/5782 yards. This determination will be made by outdoor recreation personnel.

(4) Ammunition authorized: .22, .30 cal, 308, 5.56 mm, 9 mm, 10mm, .357, .38, .44, and .45.

(5) Number of firing points: 6 points.

(6) Maximum range fired at: 200 yards (portable targets 25 meters - 200 meters).

(7) Automatic fire allowed: No.

(8) Guard required: None.

(9) Other special requirements: Report to Outdoor Recreation Center, pay fees, sign release of liability, and turn in release to Range Safety/OIC. A representative from Hunting Headquarters must be at the range during firing. Weapons or munitions, other than stated above, must be approved prior to use by the Outdoor Recreation Center. The C range must be COLD in order to check targets on the Sportsman's Range. The Sportsman's range will not normally be scheduled at the same time as the C range.

f. C Range:

(1) Location (Grid): NH 41807830 - 41947826.

(2) Description: This range is designed for rifle/pistol familiarization, and qualification, and rifle zero.

(3) Weapons authorized:

(a) Pistols: M9, M1911A1, and .38 cal.

(b) Rifles: M16A1/A2.

(4) Ammunition authorized: 5.56mm, 9mm, .38, and .45 caliber.

(5) Number of firing points: 38 prone firing points.

(6) Maximum range fired at: 200 yards.

(7) Automatic fire allowed: With prior approval.

(8) Guard required: None.

(9) Other special requirements: If weapons are going to be fired on automatic, this must first be coordinated with Camp Bullis Operations prior to scheduling range. Tunnel C targets are used for qualification and familiarization. The Sportsman's Range must be COLD prior to checking targets on the C range.

g. D Range:

(1) Location (Grid): NH 41957822 - 42087818.

(2) Description: Designed for international known distance competition and M16A1/A2 familiarization firing.

(3) Weapons authorized: M16A1/A2, M14.

- (4) Ammunition authorized: 5.56, 7.62mm ball, match.
- (5) Number of firing points: 40 points.
- (6) Maximum range fired at: 300 meters.
- (7) Automatic fire allowed: With prior approval.
- (8) Guard required: None.
- (9) Other special requirements: D range cannot be occupied if E range is HOT.

h. E Range:

- (1) Location (Grid): NH 422782.
- (2) Description: Known distance rifle familiarization and qualification.
- (3) Weapons authorized: M1, M14, M16A1/A2.
- (4) Ammunition authorized: .30 Cal, 5.56mm, 7.62mm ball and match.
- (5) Number of firing points: 32 prone firing points per firing line at:
 - (a) 200 yards, NH 42197846 - 42307843.
 - (b) 300 yards, NH 42177843 - 42287840.
 - (c) 500 yards, NH 42107821 - 42227818.
 - (d) 600 yards, NH 42107812 - 42187810.
- (6) Maximum range fired at: 600 yards.
- (7) Automatic fire allowed: No.
- (8) Guard required: None.
- (9) Other special requirements: E range cannot be occupied if F range is HOT at firing lines exceeding 600 yards.

i. F Range:

- (1) Location (Grid): NH 42307820.
- (2) Description: Known distance rifle competition, familiarization, and qualification (not IAW U.S. Army requirements for weapons qualifications).
- (3) Weapons authorized: M14, M14A1, M1, M1A1, M16A1/A2, M21.
- (4) Ammunition authorized: 5.56mm, .30 cal, 7.62mm match, ball.
- (5) Number of firing points: 40 per firing line at:
 - (a) 100 yards, NH 42367858 - 42487854.

(b) 200 yards, NH 42337849 - 42467846.

(c) 300 yards, NH 42327841 - 42427838.

(d) 500 yards, NH 42257823 - 42387819.

(e) 600 yards, NH 42237815 - 42367811.

(f) 800 yards, NH 42187798 - 42307794.

(g) 1000 yards, NH 42147780 - 42247777.

(6) Maximum range fired at: 1000 yards.

(7) Automatic fire allowed: No.

(8) Guard required: Three guards when firing from the 800-yard and 1,000 yard line.

(9) Other special requirements: Unit conducting firing is responsible for placing and manning barriers across roads at NH 42057810 and NH 42537790 and 43337863. Unit will establish and maintain communications between the OIC and personnel manning barriers.

j. Combat Pistol Qualification Course:

(1) Location (Grid): NH 43267877 - 43347877.

(2) Description: This range is designed for pistol and revolver familiarization and qualification.

(3) Weapons authorized: M1911A1, M9, .357, .38, and .44 cal pistols.

(4) Ammunition authorized: 9mm, .357, .38, .44 and .45 cal, and smaller.

(5) Number of firing points: 10 firing points.

(6) Maximum range fired at: From 10 to 31 meters.

(7) Automatic fire allowed: No.

(8) Guard required: None.

k. Meter 1 Range:

(1) Location (Grid): NH 43547877 - 43847877.

(2) Description: Designed for M16A1/A2 familiarization and 25-meter zero firing.

(3) Weapons authorized:

(a) Rifles: M16A1/A2 and M14.

(b) Machine Guns: M249 (SAW), M60, and 9mm submachine guns.

(4) Ammunition authorized: 5.56mm (ball and tracer), 7.62mm (ball and tracer), and 9mm.

(5) Number of firing points: 100 Concrete foxholes with sandbags.

(6) Maximum range fired at: 300 meters.

(7) Automatic fire allowed: Yes.

(8) Guard required: One Air Guard posted at each end of the firing line.

(9) Last 10 firing points at eastern end may be used for machine gun familiarization.

(10) Tracers require prior approval from Operations NCOIC, Garrison Manager or Camp Bullis commander.

l. Meter II Range:

(1) Location (Grid): NH 43877875 - 44177875.

(2) Description: Meter II is designed for zero firing, machine gun zero and field firing, and grenade machine gun zero and familiarization firing. Also 90mm recoilless rifle and 7.62 sub-caliber firing.

(3) Weapons authorized:

(a) Rifles: M16A1/A2 and M14.

(b) Machine Guns: M249 and M60.

(c) Grenade Machine Gun: Mark 19, Mod 3.

(4) Ammunition authorized: 5.56mm and 7.62mm ball and tracer, and 40mm M918 target practice (TP).

(5) Number of firing points: 100 prone and foxhole firing points at 15, 24, and 75 meters.

(6) Maximum range fired at: 1100 meters.

(7) Automatic fire allowed: Yes.

(8) Guard required: One Air Guard at each end of the firing line. Guards must be in place before firing begins.

(9) Tracers require prior approval from Operations NCOIC, Garrison Manager or Camp Bullis commander.

m. Field Fire I & II Range:

(1) Location (Grid): NH 44287890 - 44457894/445007900 - 44687904.

(2) Description: Field Fire I and II are designed for the conduct of M16A1/A2 field fire familiarization in accordance with FM 23-9, M16A1 Rifle and M16A2 Rifle Marksmanship.

- (3) Weapons authorized: M16A1/A2.
- (4) Ammunition authorized: 5.56mm ball.
- (5) Number of firing points: 35 concrete foxholes with sandbags on each range.
- (6) Maximum range fired at: 300 meters.
- (7) Automatic fire allowed: No.
- (8) Guard required: None.

n. Record Fire I and II Range.

- (1) Location (Grid): NH 45347973 - 45628008/45678014 - 45958048.
- (2) Description: Train-fire record qualification.
- (3) Weapons authorized: M16A1/A2.
- (4) Ammunition authorized: 5.56mm.
- (5) Number of firing points: 16 points with foxholes and sandbags on each range.
- (6) Maximum range fired at: 300 meters.
- (7) Automatic fire allowed: No.
- (8) Guard required: None.
- (9) Other special requirements: FM 23-9

o. Explosive Ordnance Disposal (EOD) Range:

- (1) Location (Grid): NH 43408226.
- (2) Description: Open burning, detonation and disposal of ammunition, explosives, and pyrotechnics for training purposes.
- (3) Weapons authorized: Demolition blocks of TNT, Tetrytol or C4 not to exceed a maximum charge of 25 pounds of TNT equivalent.
- (4) Explosives authorized: C4, TNT, Tetrytol.
- (5) Number of firing points: 1.
- (6) Maximum range fired at: N/A.
- (7) Automatic fire allowed: N/A.
- (8) Guard required: One guard at NH 42358290 (gate to impact area) with communications to range.
- (9) Other special requirements:

(a) Fire Department must be on stand-by.

(b) Notify Camp Bullis Operations, 15 minutes prior to any detonation.

(c) Using agency is responsible for locking gate into impact area after entering.

(d) Suitable protective equipment (i.e., flack vests, helmets, eye protection) will be worn when deemed necessary by OIC.

p. Test Range.

(1) Location (Grid): NH 434824.

(2) Description: Test range is designed for use by military agencies and civilian contractors, to conduct testing of explosive devices and munitions.

(3) Weapons authorized: As per conditions of Inter-Service Support Agreements and contracts pertinent to the testing.

(4) Ammunition authorized: Same as "e" above. Explosives will not exceed 25 pounds TNT equivalent. The 25-pound maximum may be waived by the Commander, Camp Bullis, if it can be demonstrated that desired explosive size will not violate established noise level restrictions outside the installation boundary. Additionally, the fragmentation area must not violate either airspace or surface danger area restrictions.

(5) Number of firing points: 1.

(6) Maximum range fired at: N/A.

(7) Automatic fire allowed: No.

(8) Guard required: None.

(9) Other special requirements:

(a) Camp Bullis, Fire Department, may be required to be on site, depending on type and amount of munitions/explosives being used in the particular test and weather conditions, as they relate to fire risk.

(b) Notify Camp Bullis Operations, 15 minutes prior to any detonation.

(c) Using agency is responsible for locking gate into impact area after entering.

q. M203/LAW Range.

(1) Location (Grid): NH 41348076 - 41348088.

(2) Description: Standard qualification for M203/M79 grenade launcher and M72A1/M72A2 (LAW) sub-caliber.

(3) Weapons authorized: M203, M79, M72A1/A2, expended LAW with 35mm sub-caliber device inserted.

(4) Ammunition authorized*: 40mm HE, TPT, LAW 35mm sub-caliber device.

(5) Number of firing points: 6.

(6) Maximum range fired at: 250 meters.

(7) Automatic fire allowed: N/A.

(8) Guard required: One Guard with communications at guard shack at NH 412808.

(9) See SOP for use of M203/LAW Range.

***NOTE:** Use of HE requires prior approval from Operations NCOIC, Garrison Manager, or Camp Bullis commander.

r. Nuclear Biological Chemical Chamber Range.

(1) Location (Grid): NH 39928160.

(2) Description: Enclosed building designed for chemical training using CS (tear gas) agents.

(3) Weapons authorized: None.

(4) Ammunition authorized: CS (tear gas) pellets or powder (no canisters or grenades authorized).

(5) Number of firing points: One CS stove.

(6) Maximum range fired at: N/A.

(7) Automatic fire allowed: N/A.

(8) Guard required: If chamber is occupied or HOT a guard must be posted.

(9) Other special requirements: Concentration of CS gas must be monitored. Ensure you can see all individuals clearly, and oxygen content, as determined by the appropriate Field Manual (FM), is high enough to permit proper functioning of mask equipment.

s. Hand Grenade/Claymore Range.

(1) Location (Grid): NH 43268318 - 43258323.

(2) Description: The live fire portion of this range is used for qualification and familiarization with the M-67 fragmentation grenade (HE only) and familiarization with the M18A1 Claymore mine. Additionally, prior to moving to the live fire range, there is a practice range where proper procedures are taught using inert practice grenades and claymores. Combat tactics and techniques, which are not allowed on the live fire range, may be taught at the practice range.

(3) Weapons authorized: N/A.

(4) Ammunition authorized:

(a) Live Fire Range: M-67 fragmentation grenade (HE only) and M18A1 Claymore mine.

(b) Practice Range: Inert practice hand grenades and claymores.

(5) Number of firing points:

(a) Live Fire Range: Five throwing bays (hand grenade), two of which may be used for claymore firing.

(b) Practice Range: Three throwing bays (hand grenade or claymore).

(6) Maximum range fired at: 70 meters.

(7) Automatic fire allowed: N/A.

(8) Guard required: Gate Guard with communications to OIC.